

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL03124\
 Data File : PL088706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2024 11:36
 Operator : AR\AJ
 Sample : PEST-SPIKE50PPB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEST-SPIKE50PPB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:13:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.642	2.852	373523	271370	0.141	0.204 #
2)	SA Decachlor...	9.314	8.087	381769	467956	0.154	0.345 #
Target Compounds							
2)	A alpha-BHC	4.109	3.369	207.8E6	97373752	52.057	48.458
3)	MA gamma-BHC...	4.447	3.706	195.9E6	91594330	50.506	47.727
4)	MA Heptachlor	5.048	4.055	191.7E6	87719055	50.494	48.740
5)	MB Aldrin	5.395	4.340	183.5E6	85493837	50.066	47.311
6)	B beta-BHC	4.645	4.008	86831427	40955094	48.962	47.775
7)	B delta-BHC	4.897	4.243	192.1E6	89012746	47.700	46.529
8)	B Heptachlo...	5.827	4.851	173.5E6	79701916	50.514	48.466
9)	A Endosulfan I	6.218	5.228	156.9E6	75288082	51.329	50.084
10)	B gamma-Chl...	6.087	5.106	176.9E6	83433994	53.108	50.373
11)	B alpha-Chl...	6.166	5.171	174.2E6	82866017	52.392	49.921
12)	B 4,4'-DDE	6.341	5.364	153.9E6	74867583	51.512	51.329
13)	MA Dieldrin	6.497	5.497	166.2E6	81040644	51.268	49.897
14)	MA Endrin	6.729	5.776	123.4E6	65131478	45.146	45.185
15)	B Endosulfa...	6.950	6.074	144.4E6	72208765	50.400	50.219
16)	A 4,4'-DDD	6.865	5.927	132.4E6	67591088	52.005	54.274
17)	MA 4,4'-DDT	7.183	6.182	122.4E6	61340982	45.903	45.702
18)	B Endrin al...	7.081	6.256	107.0E6	54390336	51.248	51.902
19)	B Endosulfa...	7.318	6.482	136.5E6	69316857	49.425	49.960
20)	A Methoxychlor	7.663	6.766	59997473	34022626	39.825	42.418
21)	B Endrin ke...	7.809	6.995	154.3E6	86900214	52.182	52.644
22)	Mirex	8.291	7.181	118.5E6	66457496	50.541	49.285
23)	Chlordane-1	0.000	3.879	0	126719	N.D.	2.610 #
24)	Chlordane-2	0.000	4.479f	0	428888	N.D.	7.064 #
25)	Chlordane-3	6.087	5.106	176.9E6	83433994	355.750	488.860 #
26)	Chlordane-4	6.166	5.171	174.2E6	82866017	290.323	519.406 #
27)	Chlordane-5	0.000	5.851	0	178630	N.D.	3.522 #

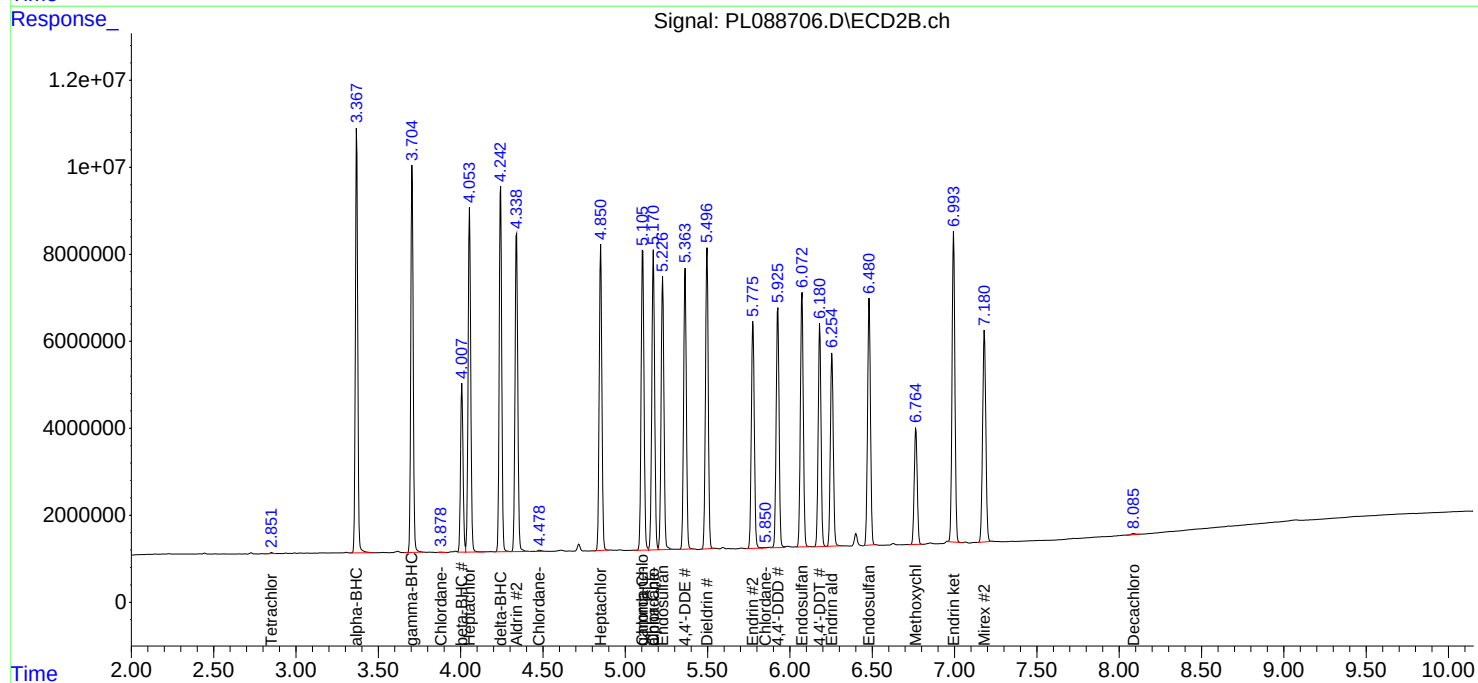
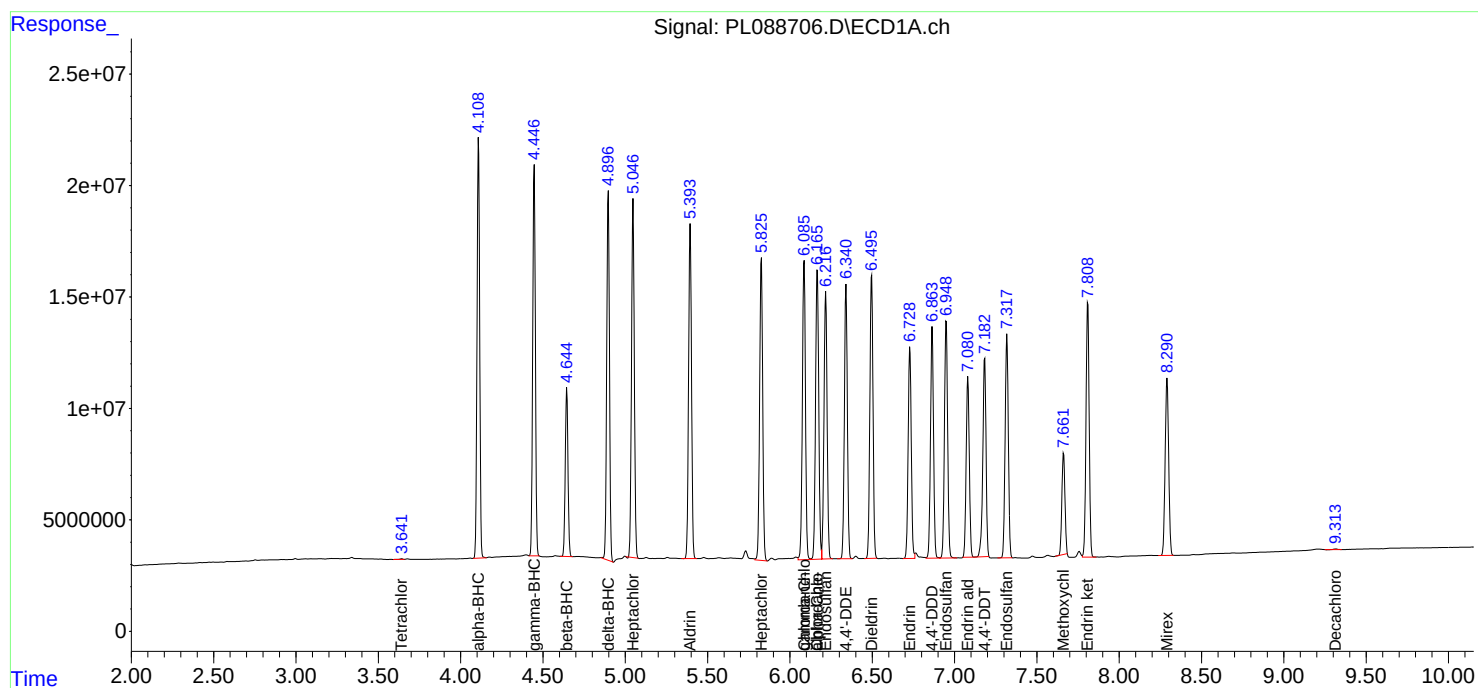
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

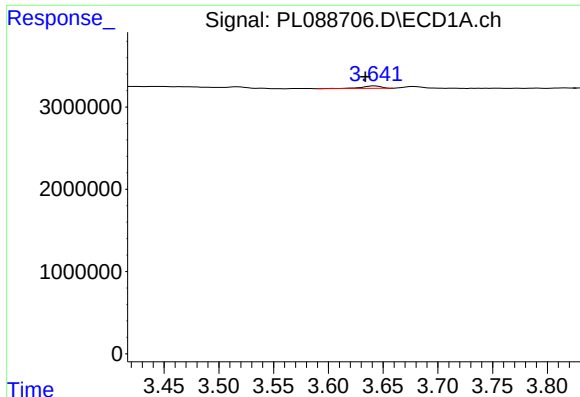
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
Data File : PL088706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2024 11:36
Operator : AR\AJ
Sample : PEST-SPIKE50PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:13:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

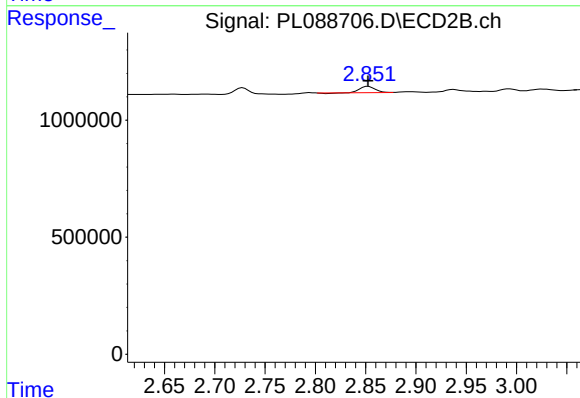




#1 Tetrachloro-m-xylene

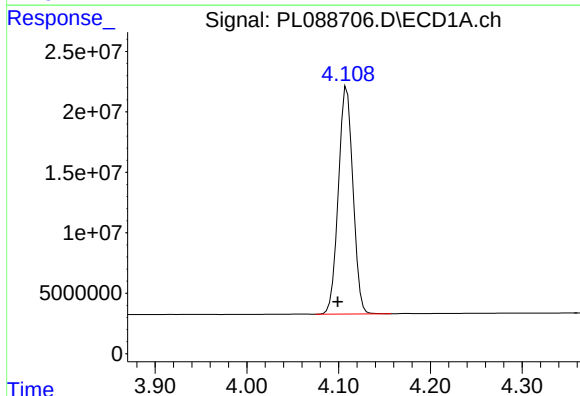
R.T.: 3.642 min
Delta R.T.: 0.008 min
Response: 373523
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



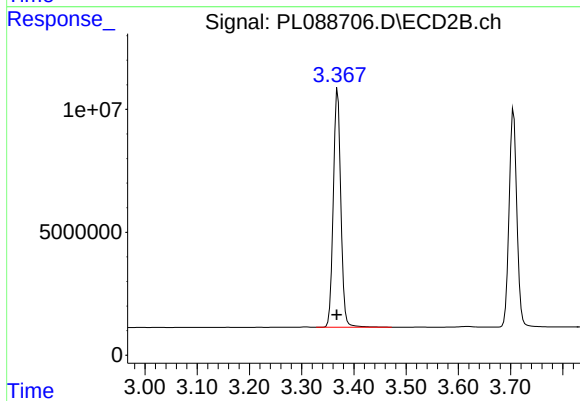
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 271370
Conc: 0.20 ng/ml



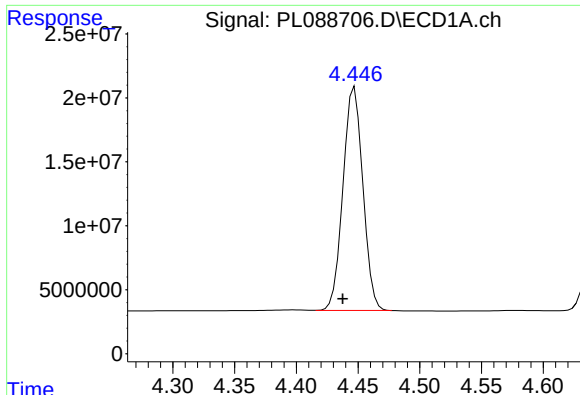
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.010 min
Response: 207795534
Conc: 52.06 ng/ml



#2 alpha-BHC

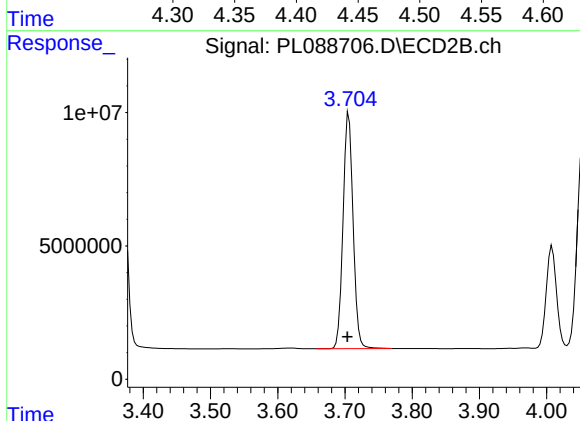
R.T.: 3.369 min
Delta R.T.: 0.002 min
Response: 97373752
Conc: 48.46 ng/ml



#3 gamma-BHC (Lindane)

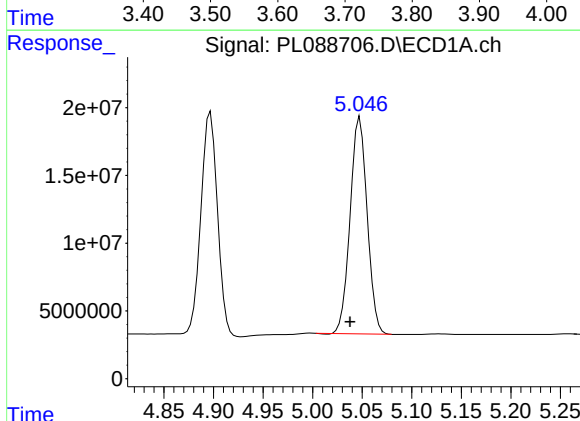
R.T.: 4.447 min
Delta R.T.: 0.009 min
Response: 195872700
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



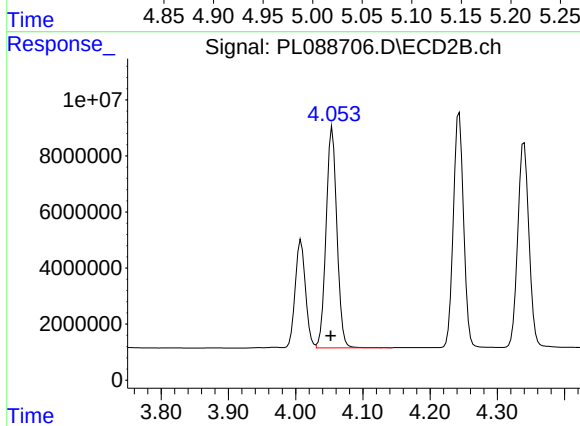
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.002 min
Response: 91594330
Conc: 47.73 ng/ml



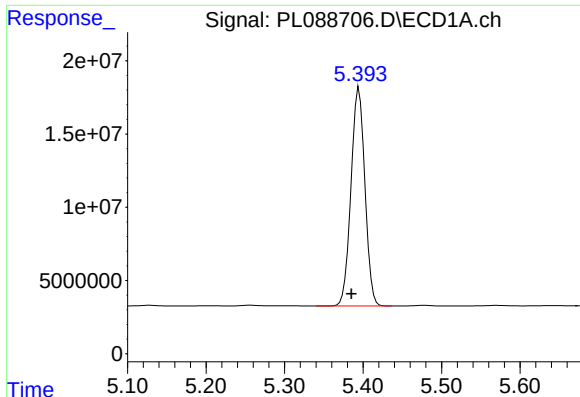
#4 Heptachlor

R.T.: 5.048 min
Delta R.T.: 0.010 min
Response: 191747626
Conc: 50.49 ng/ml



#4 Heptachlor

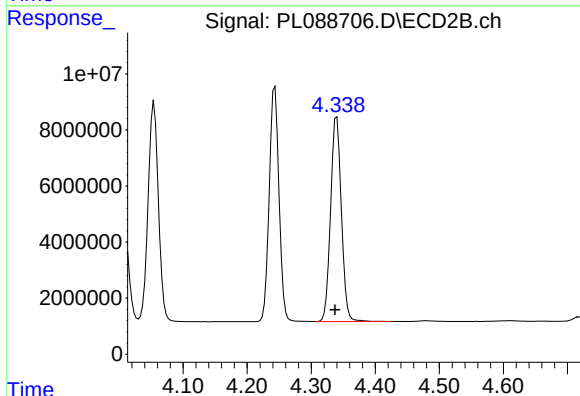
R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 87719055
Conc: 48.74 ng/ml



#5 Aldrin

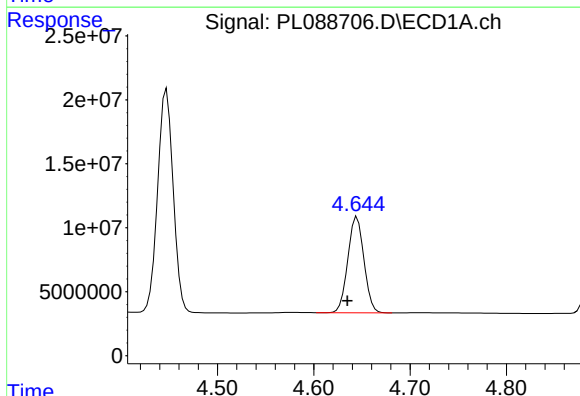
R.T.: 5.395 min
Delta R.T.: 0.010 min
Response: 183466963
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



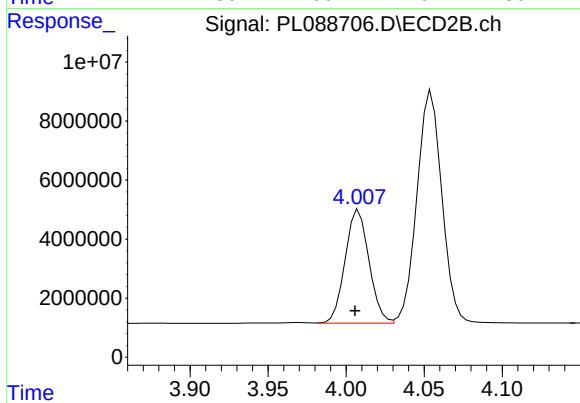
#5 Aldrin

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 85493837
Conc: 47.31 ng/ml



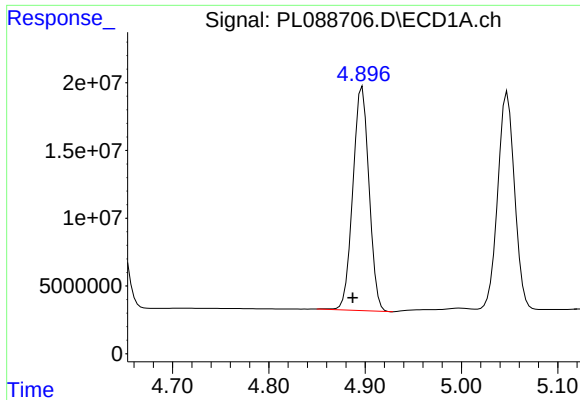
#6 beta-BHC

R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 86831427
Conc: 48.96 ng/ml



#6 beta-BHC

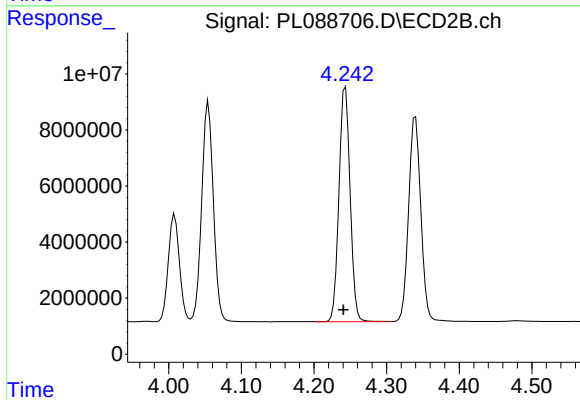
R.T.: 4.008 min
Delta R.T.: 0.002 min
Response: 40955094
Conc: 47.78 ng/ml



#7 delta-BHC

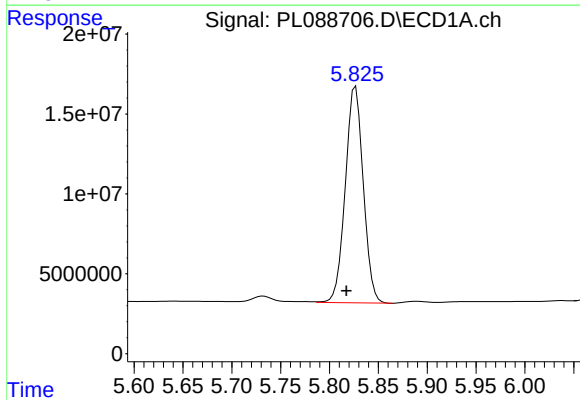
R.T.: 4.897 min
Delta R.T.: 0.010 min
Response: 192143642
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



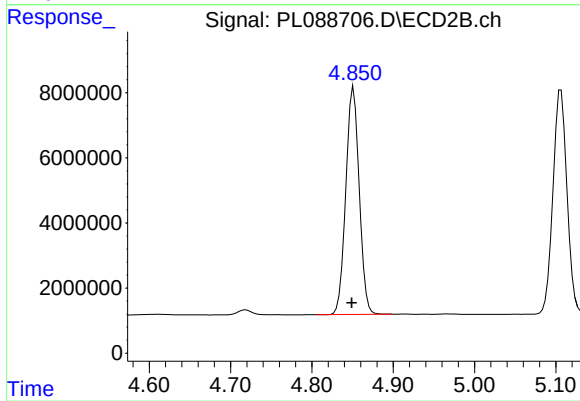
#7 delta-BHC

R.T.: 4.243 min
Delta R.T.: 0.003 min
Response: 89012746
Conc: 46.53 ng/ml



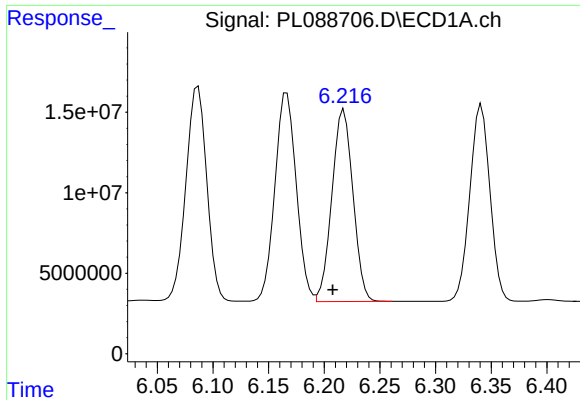
#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.009 min
Response: 173514542
Conc: 50.51 ng/ml



#8 Heptachlor epoxide

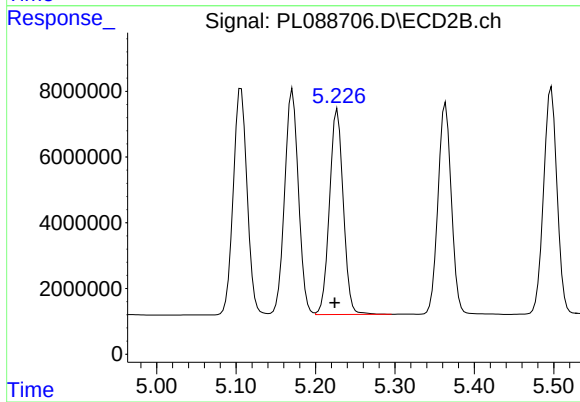
R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 79701916
Conc: 48.47 ng/ml



#9 Endosulfan I

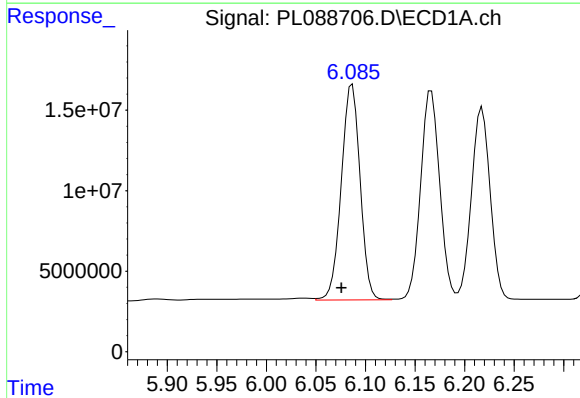
R.T.: 6.218 min
Delta R.T.: 0.010 min
Response: 156886215
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



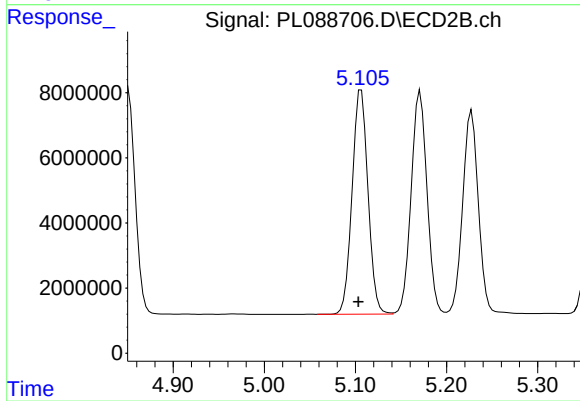
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 75288082
Conc: 50.08 ng/ml



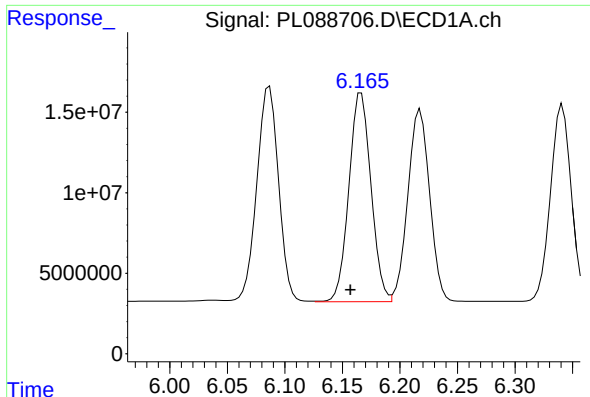
#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.011 min
Response: 176891507
Conc: 53.11 ng/ml



#10 gamma-Chlordane

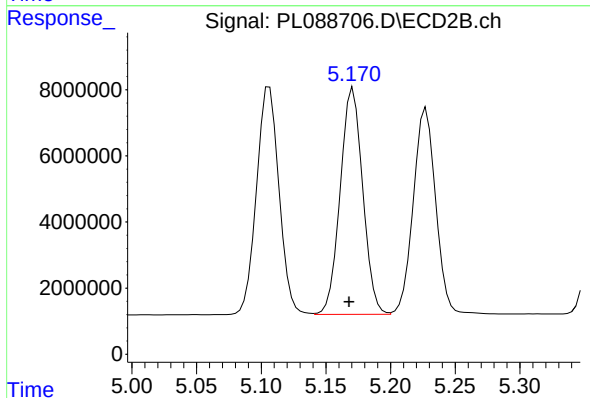
R.T.: 5.106 min
Delta R.T.: 0.003 min
Response: 83433994
Conc: 50.37 ng/ml



#11 alpha-Chlordane

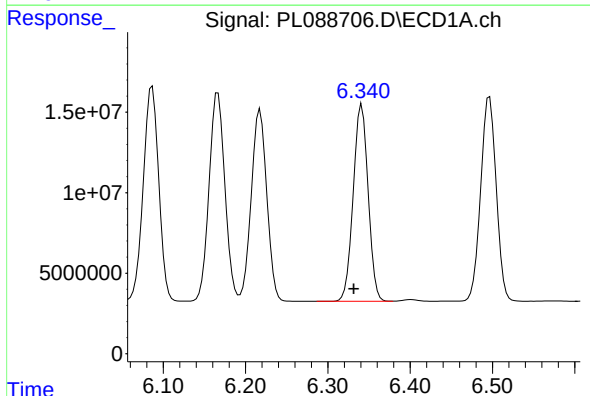
R.T.: 6.166 min
Delta R.T.: 0.009 min
Response: 174154970
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



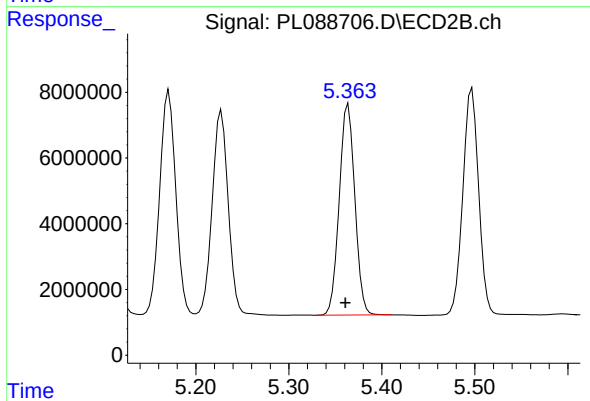
#11 alpha-Chlordane

R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 82866017
Conc: 49.92 ng/ml



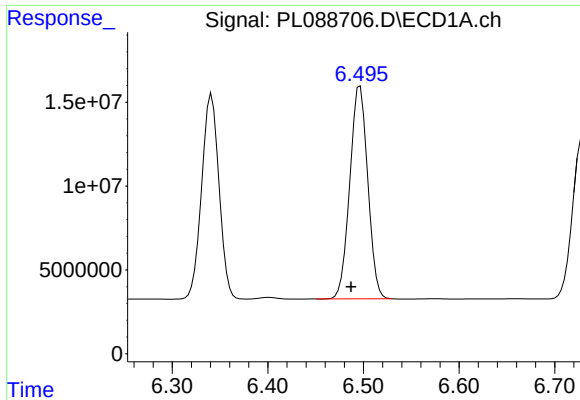
#12 4,4'-DDE

R.T.: 6.341 min
Delta R.T.: 0.010 min
Response: 153904083
Conc: 51.51 ng/ml



#12 4,4'-DDE

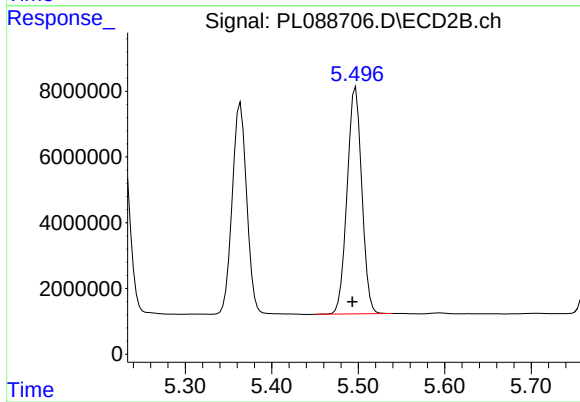
R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 74867583
Conc: 51.33 ng/ml



#13 Dieldrin

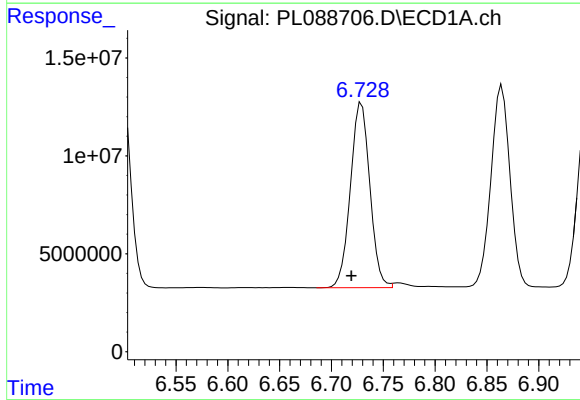
R.T.: 6.497 min
Delta R.T.: 0.010 min
Response: 166246427
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



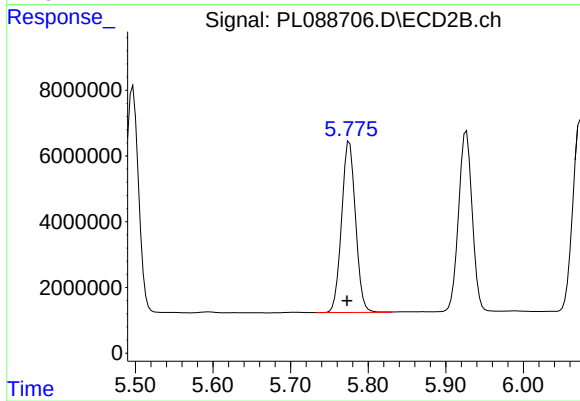
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.004 min
Response: 81040644
Conc: 49.90 ng/ml



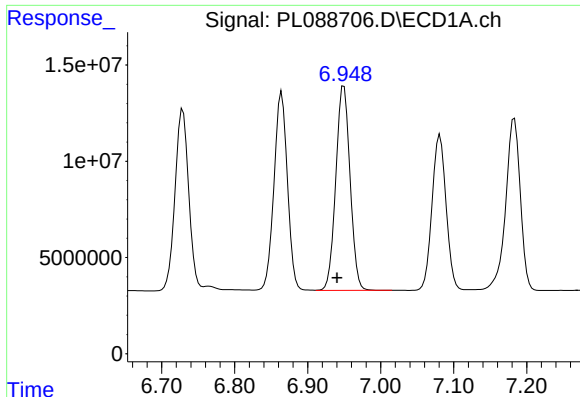
#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.010 min
Response: 123416613
Conc: 45.15 ng/ml



#14 Endrin

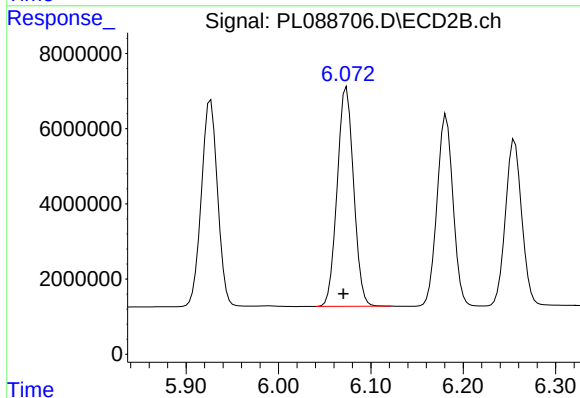
R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 65131478
Conc: 45.19 ng/ml



#15 Endosulfan II

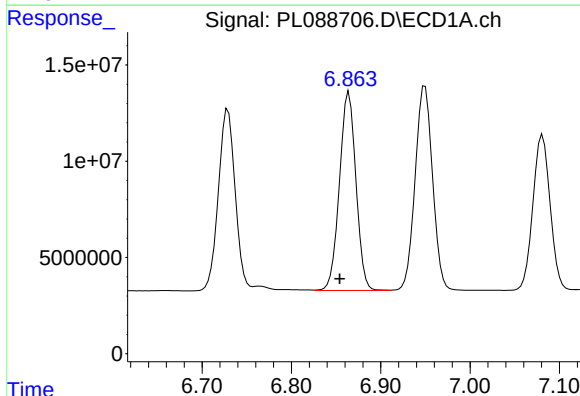
R.T.: 6.950 min
Delta R.T.: 0.010 min
Response: 144355319
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



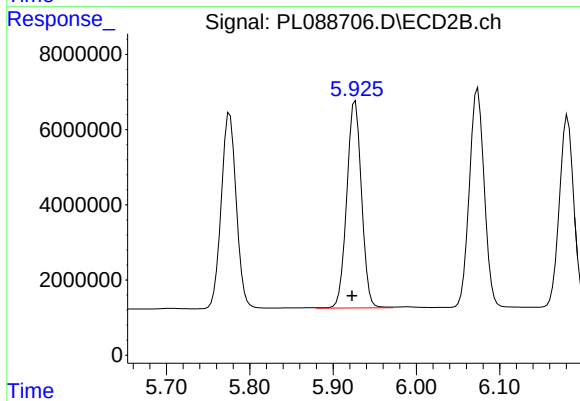
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 72208765
Conc: 50.22 ng/ml



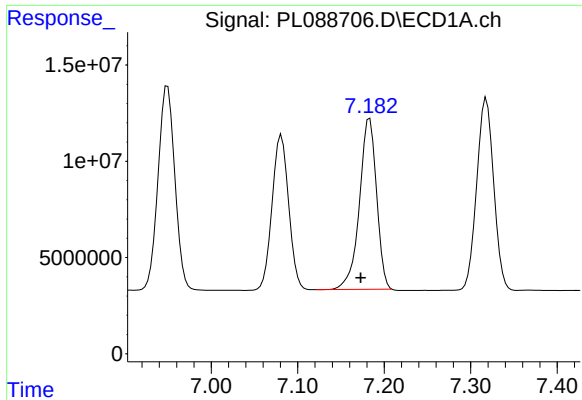
#16 4,4'-DDD

R.T.: 6.865 min
Delta R.T.: 0.010 min
Response: 132443194
Conc: 52.00 ng/ml



#16 4,4'-DDD

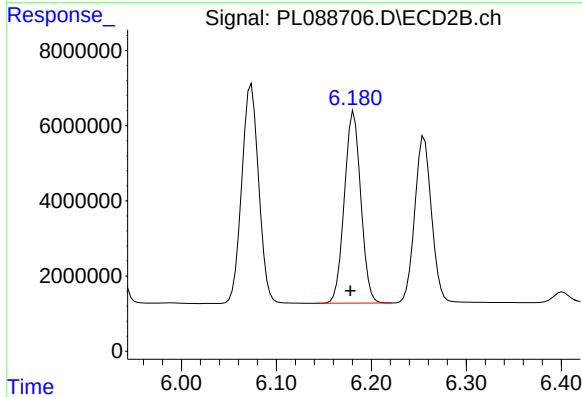
R.T.: 5.927 min
Delta R.T.: 0.004 min
Response: 67591088
Conc: 54.27 ng/ml



#17 4,4'-DDT

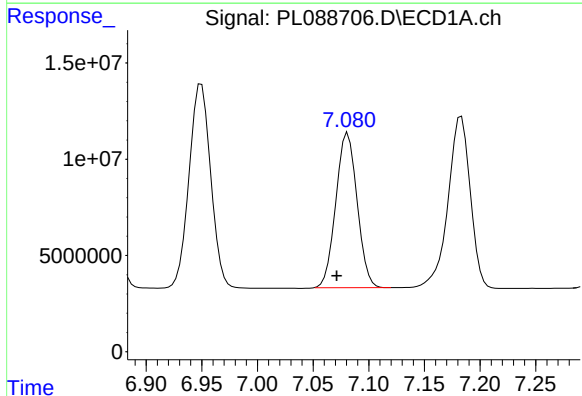
R.T.: 7.183 min
Delta R.T.: 0.010 min
Response: 122352306
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



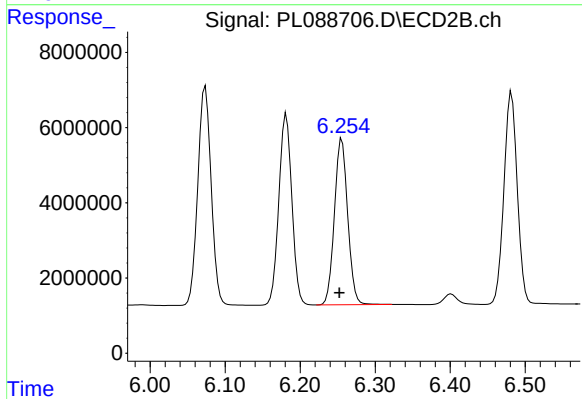
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: 0.004 min
Response: 61340982
Conc: 45.70 ng/ml



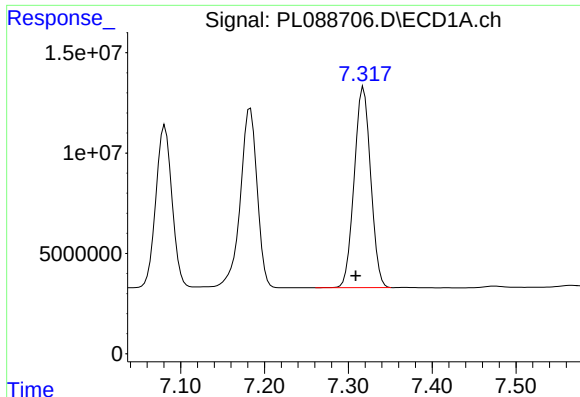
#18 Endrin aldehyde

R.T.: 7.081 min
Delta R.T.: 0.010 min
Response: 106997035
Conc: 51.25 ng/ml



#18 Endrin aldehyde

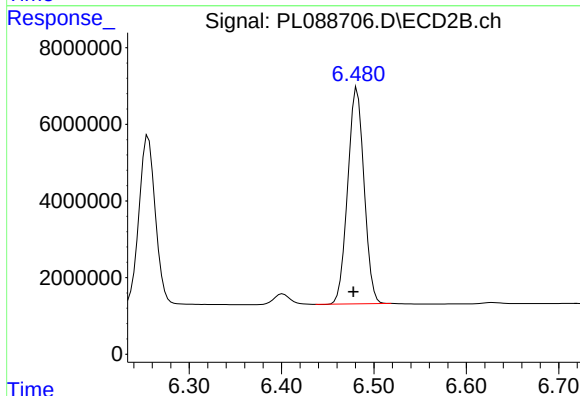
R.T.: 6.256 min
Delta R.T.: 0.004 min
Response: 54390336
Conc: 51.90 ng/ml



#19 Endosulfan Sulfate

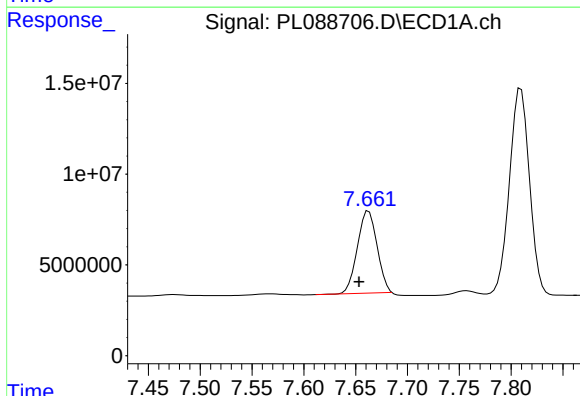
R.T.: 7.318 min
Delta R.T.: 0.009 min
Response: 136475958
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



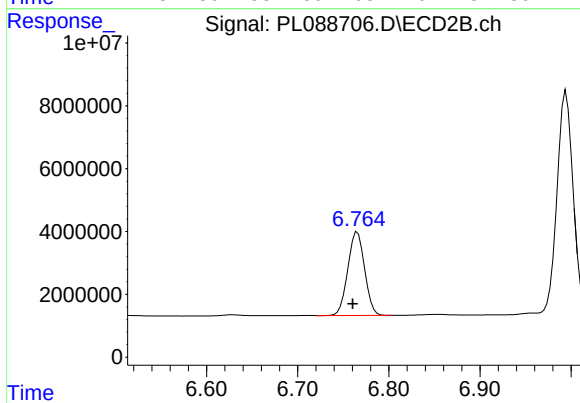
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.004 min
Response: 69316857
Conc: 49.96 ng/ml



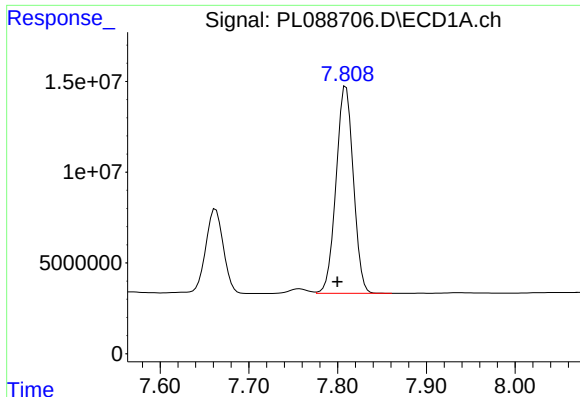
#20 Methoxychlor

R.T.: 7.663 min
Delta R.T.: 0.009 min
Response: 59997473
Conc: 39.83 ng/ml



#20 Methoxychlor

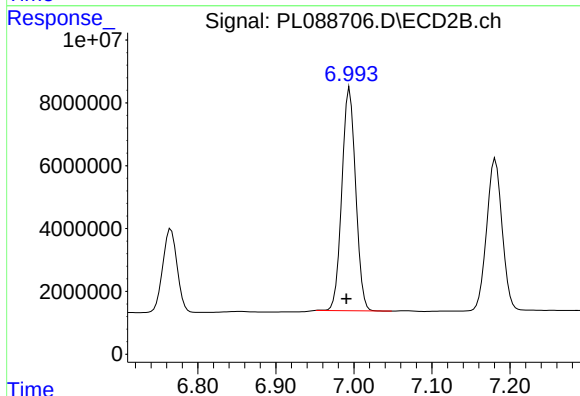
R.T.: 6.766 min
Delta R.T.: 0.005 min
Response: 34022626
Conc: 42.42 ng/ml



#21 Endrin ketone

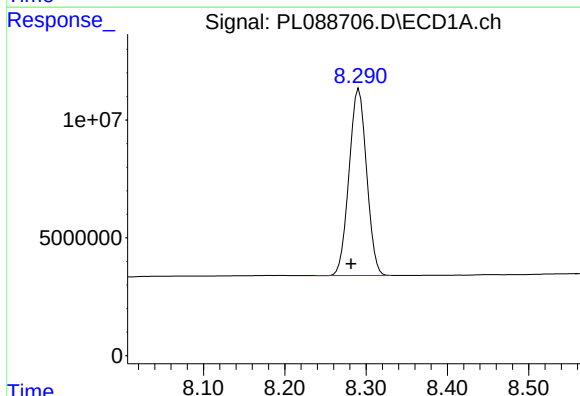
R.T.: 7.809 min
Delta R.T.: 0.009 min
Response: 154271091
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



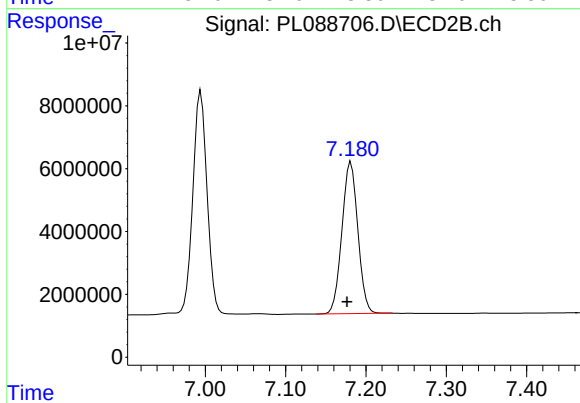
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.004 min
Response: 86900214
Conc: 52.64 ng/ml



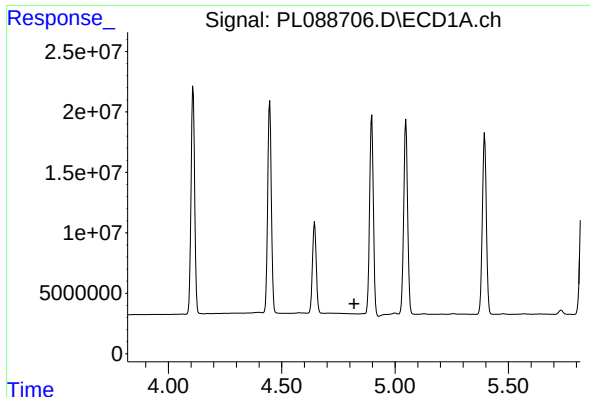
#22 Mirex

R.T.: 8.291 min
Delta R.T.: 0.010 min
Response: 118494586
Conc: 50.54 ng/ml



#22 Mirex

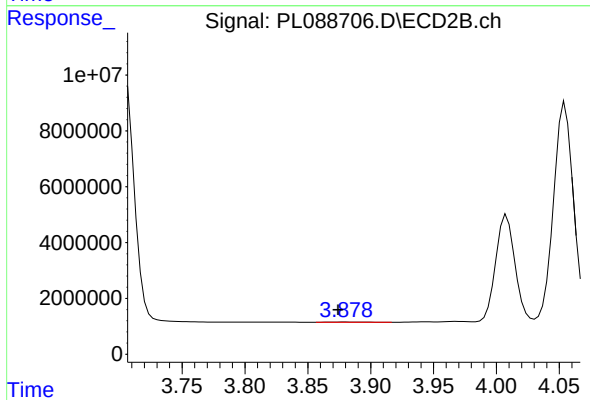
R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 66457496
Conc: 49.29 ng/ml



#23 Chlordane-1

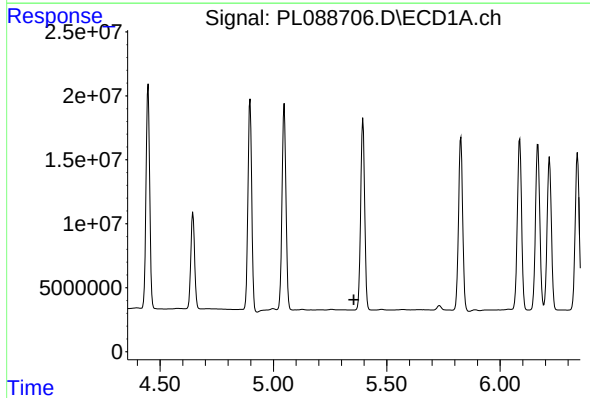
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



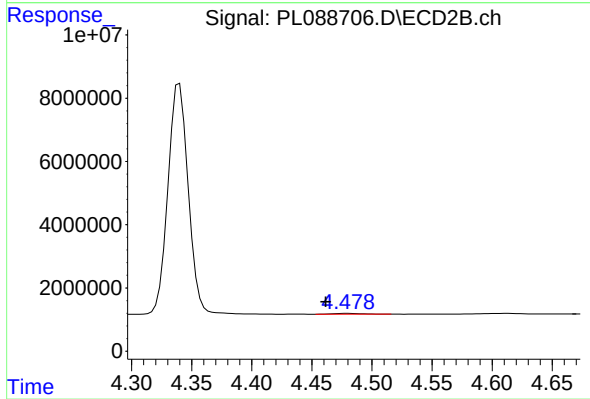
#23 Chlordane-1

R.T.: 3.879 min
Delta R.T.: 0.005 min
Response: 126719
Conc: 2.61 ng/ml



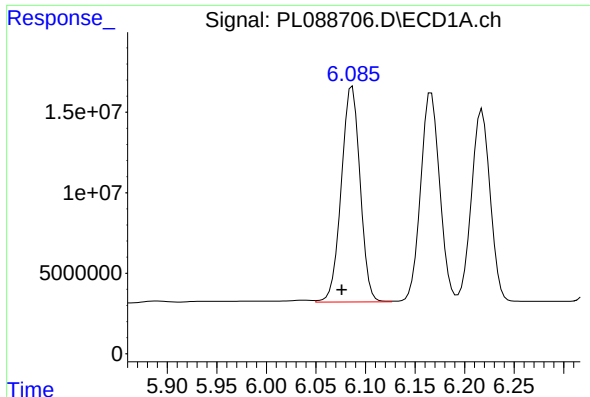
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

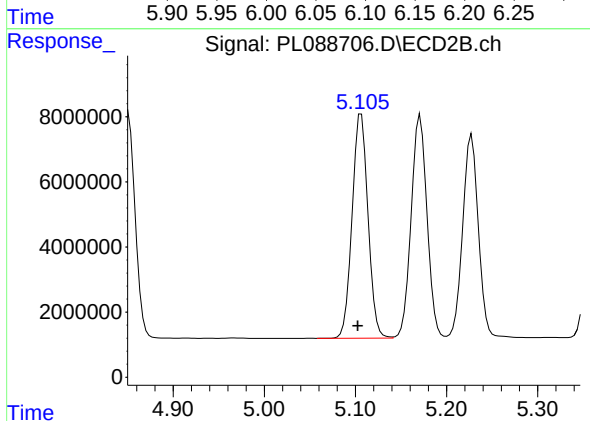
R.T.: 4.479 min
Delta R.T.: 0.018 min
Response: 428888
Conc: 7.06 ng/ml



#25 Chlordane-3

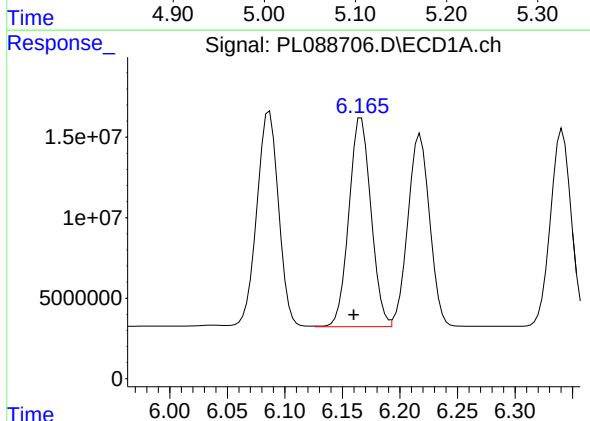
R.T.: 6.087 min
Delta R.T.: 0.010 min
Response: 176891507
Conc: 355.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



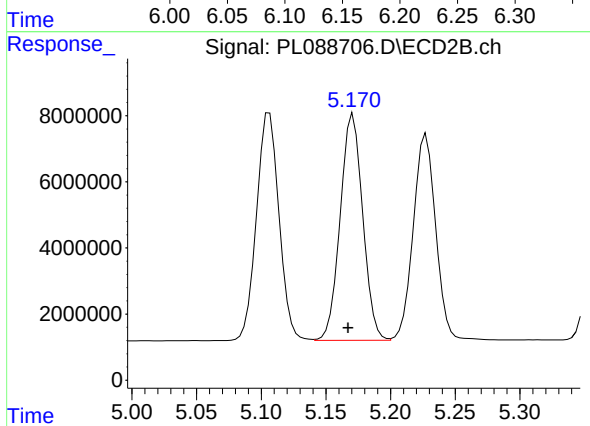
#25 Chlordane-3

R.T.: 5.106 min
Delta R.T.: 0.004 min
Response: 83433994
Conc: 488.86 ng/ml



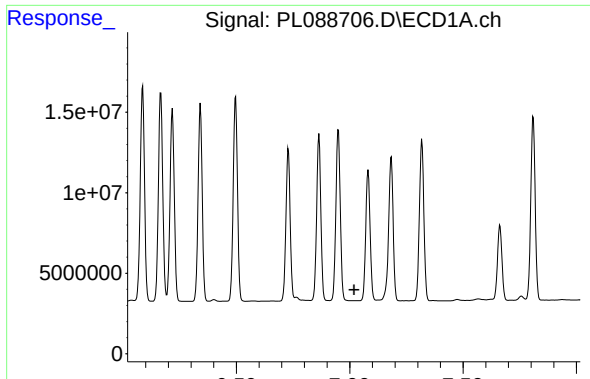
#26 Chlordane-4

R.T.: 6.166 min
Delta R.T.: 0.007 min
Response: 174154970
Conc: 290.32 ng/ml



#26 Chlordane-4

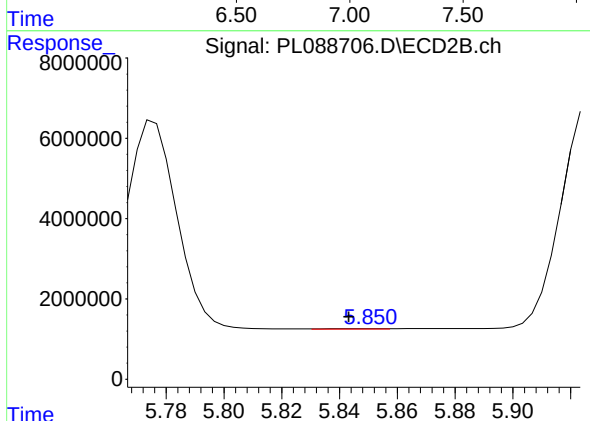
R.T.: 5.171 min
Delta R.T.: 0.004 min
Response: 82866017
Conc: 519.41 ng/ml



#27 Chlordane-5

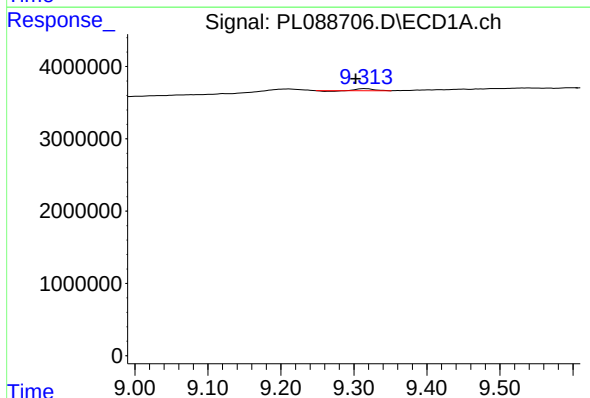
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEST-SPIKE50PPB



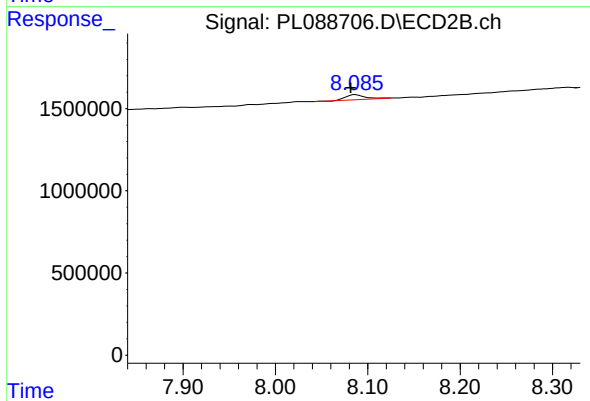
#27 Chlordane-5

R.T.: 5.851 min
Delta R.T.: 0.008 min
Response: 178630
Conc: 3.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.012 min
Response: 381769
Conc: 0.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.005 min
Response: 467956
Conc: 0.35 ng/ml